



#11/5/03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

**Arthur E. Schwartz**

Examiner: Jocelyn D. Ram

Serial No.: 09/770,603

Group Art Unit: 3937

Filed: January 26, 2001

For: **INTRAVASCULAR SYSTEMS FOR CORPOREAL COOLING**

May 22, 2003

Mail Stop: AF  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT UNDER 37 C.F.R. § 1.116**

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JUN 06 2003

**GROUP 3600**

S I R:

In response to the Office Action dated February 21, 2003, please amend the above application as follows:

20. (CURRENTLY AMENDED) A catheter for intravascular corporeal cooling comprising:

an elongated tubular member having proximal and distal sections, an outer surface, and at least one lumen extending therethrough, and

annular insulation having proximal and distal ends and arranged concentrically around the outer surface of the elongated external tubular member,

wherein at least one lumen in the tubular member can provide cooled blood in the direction of the distal section of the elongated tubular member and cooled